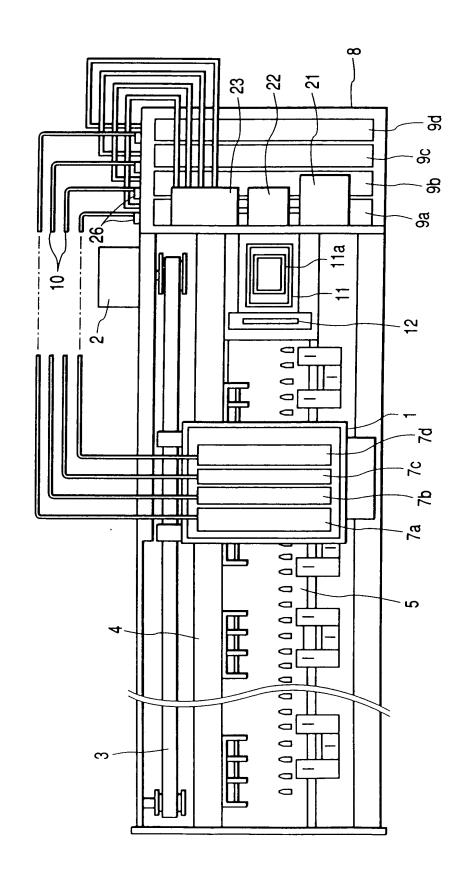
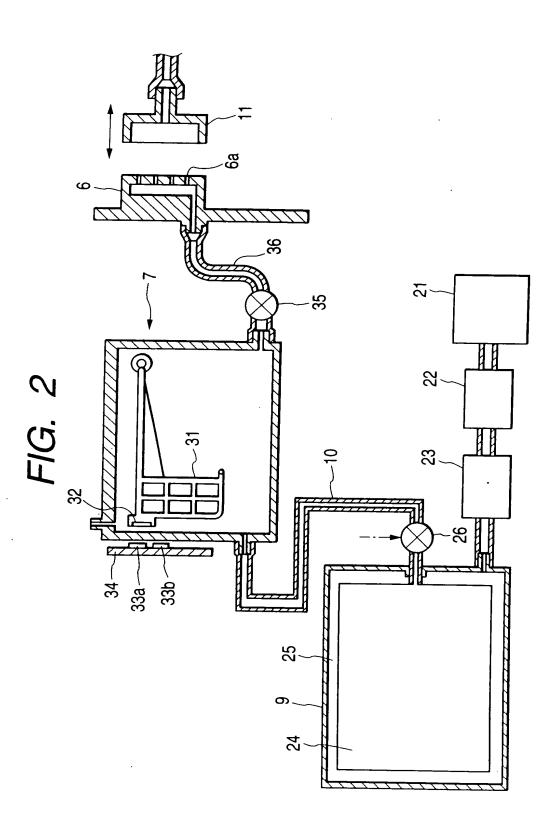
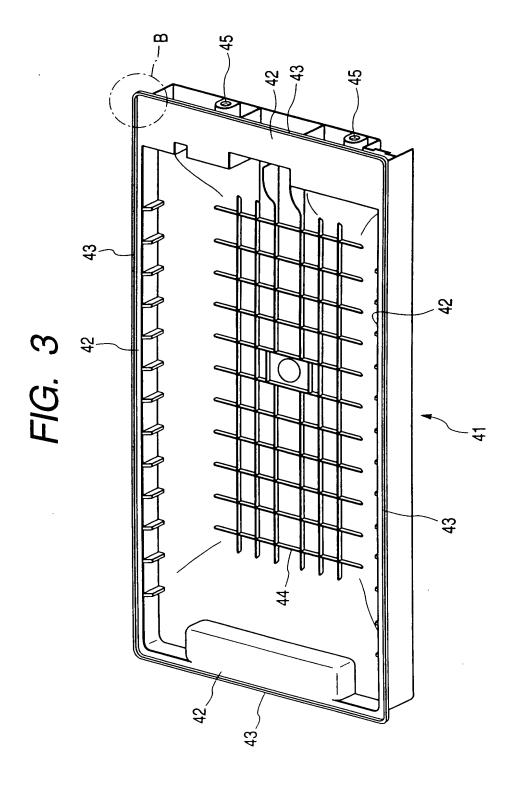
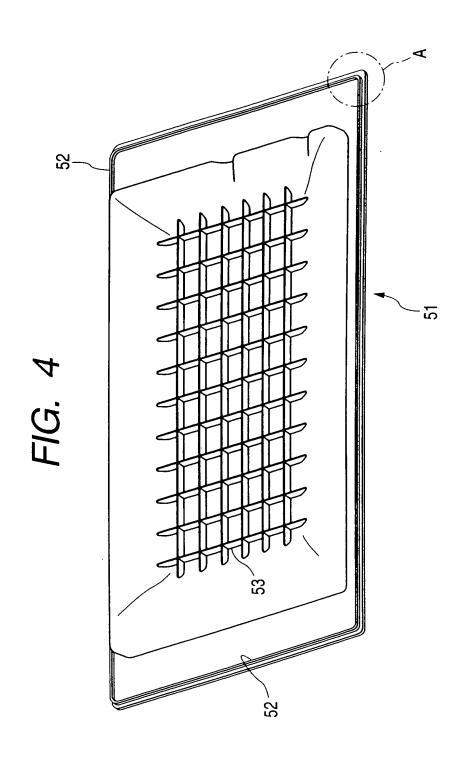
FIG.

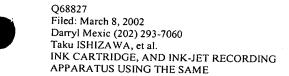
Q68827 Filed: March 8, 2002 Darryl Mexic (202) 293-7060 Taku ISHIZAWA, et al. INK CARTRIDGE, AND INK-JET RECORDING APPARATUS USING THE SAME

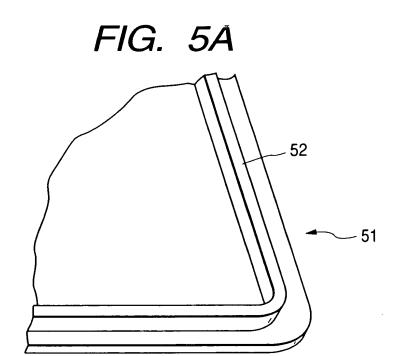




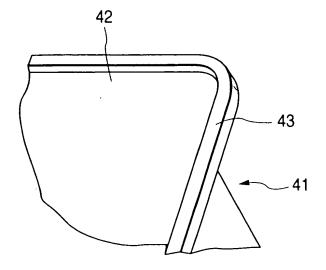














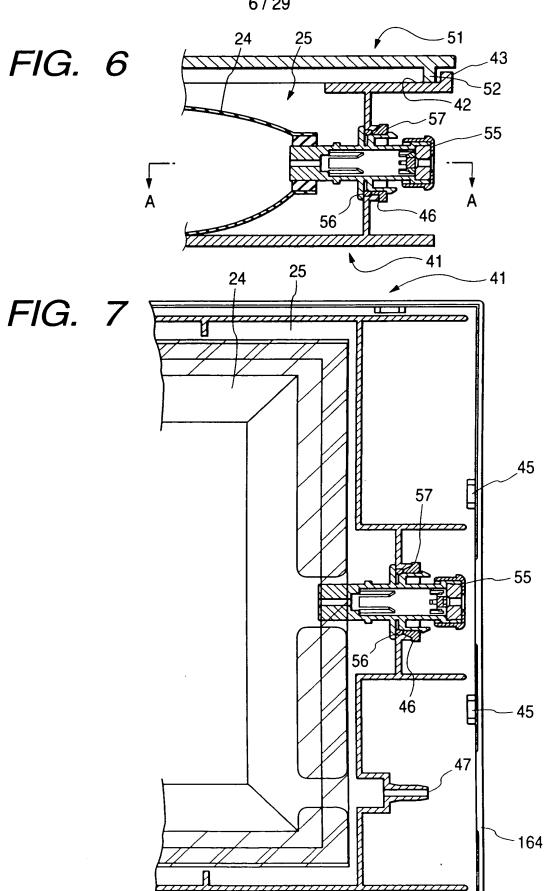


FIG. 8A

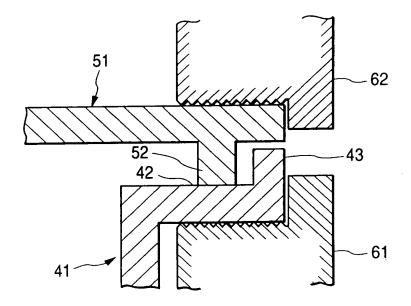
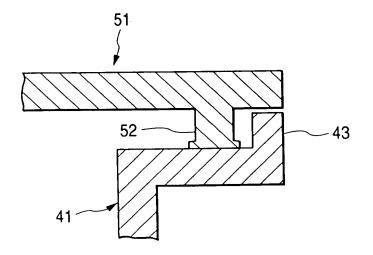
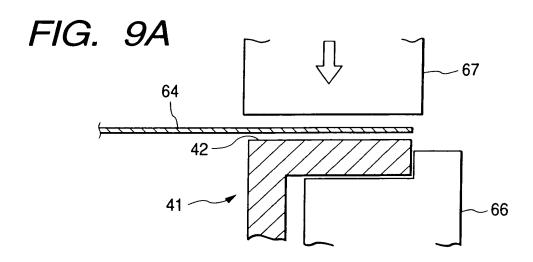
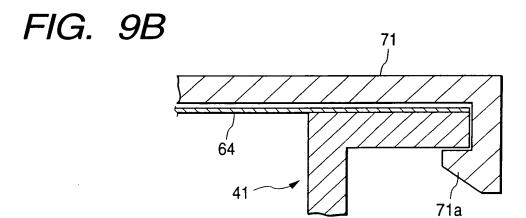


FIG. 8B







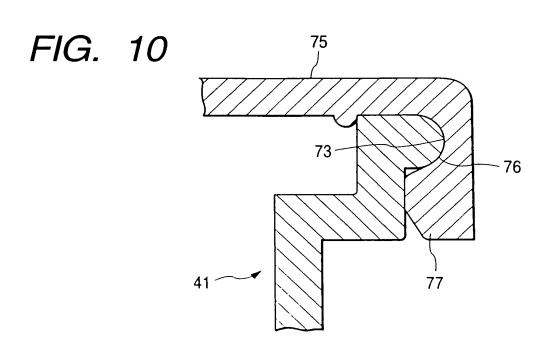


FIG. 11

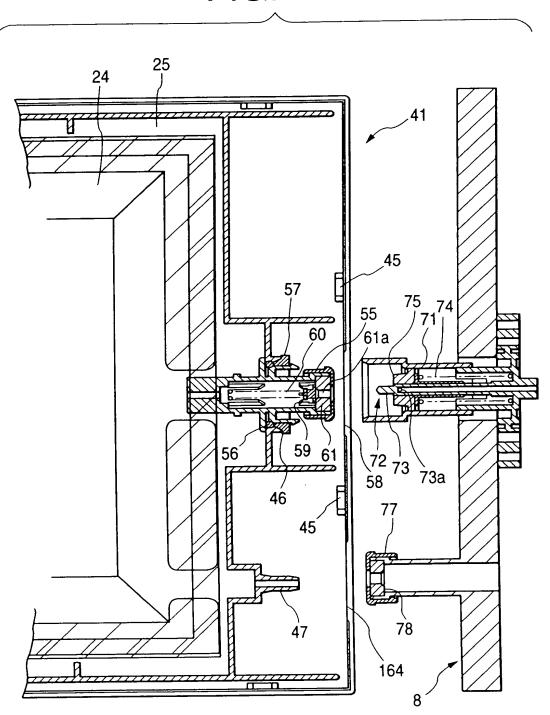
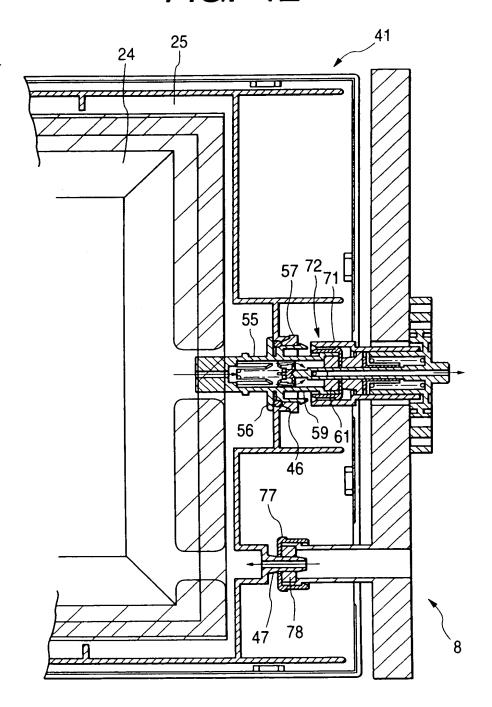
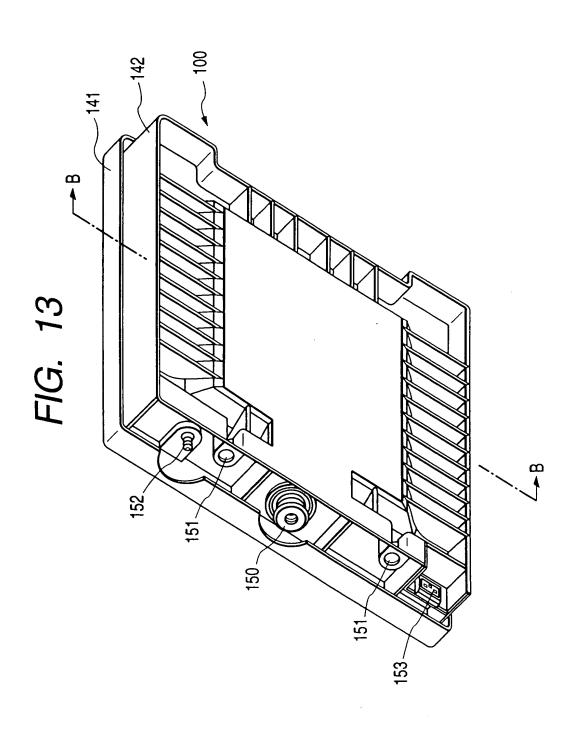


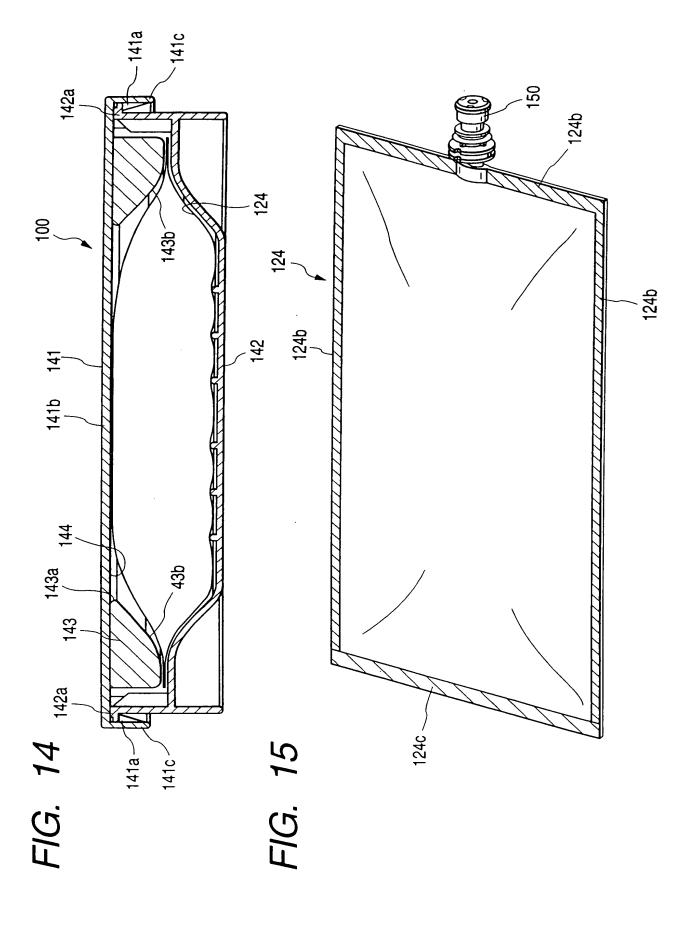
FIG. 12

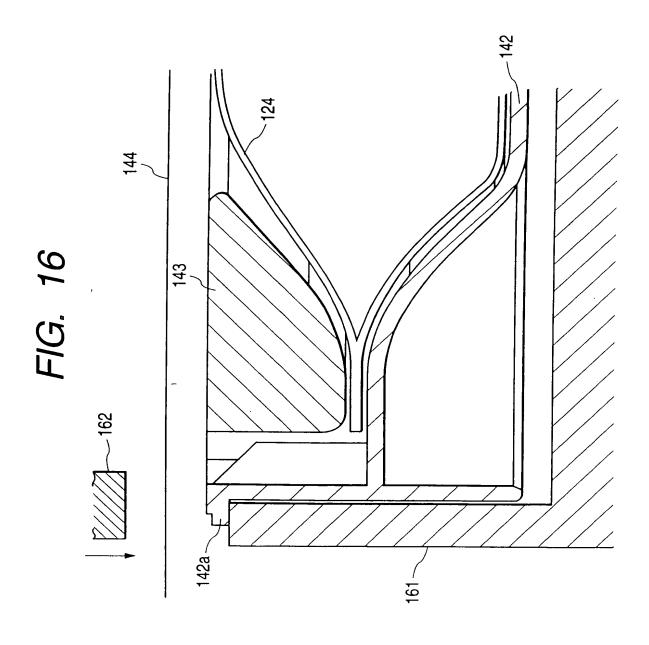


11/29



12/29







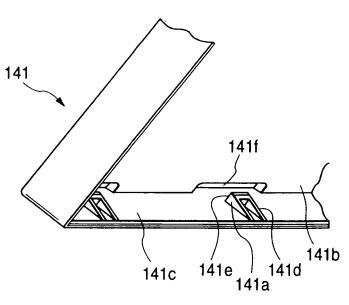
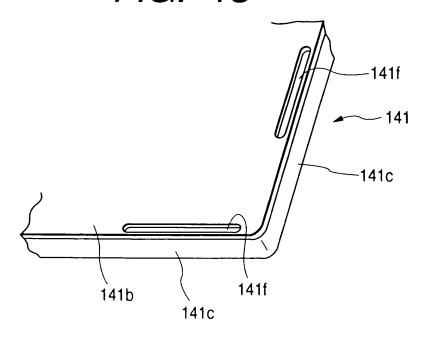
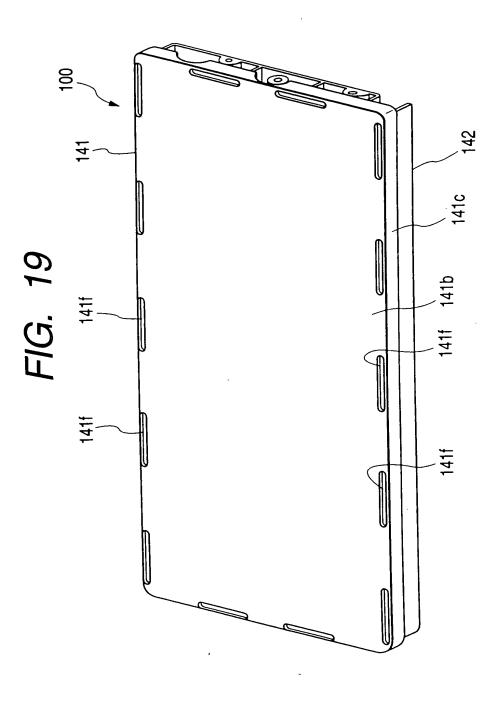


FIG. 18



15/29





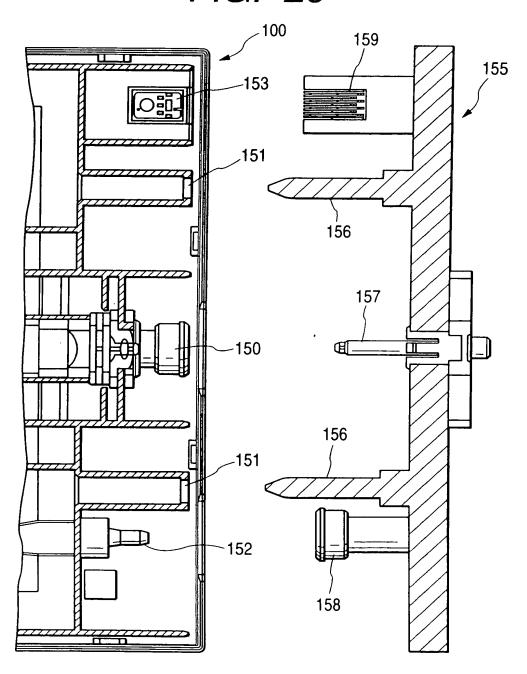
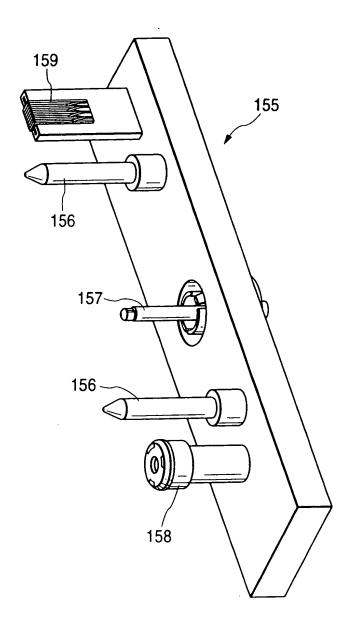
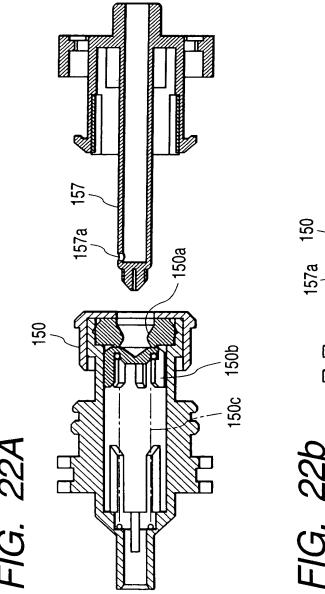


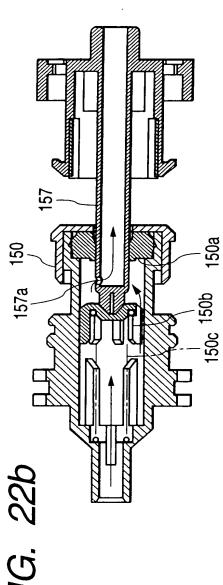
FIG. 21



Q68827
Filed: March 8, 2002
Darryl Mexic (202) 293-7060
Taku ISHIZAWA, et al.

Taku ISHIZAWA, et al.
INK CARTRIDGE, AND INK-JET RECORDING
APPARATUS USING THE SAME





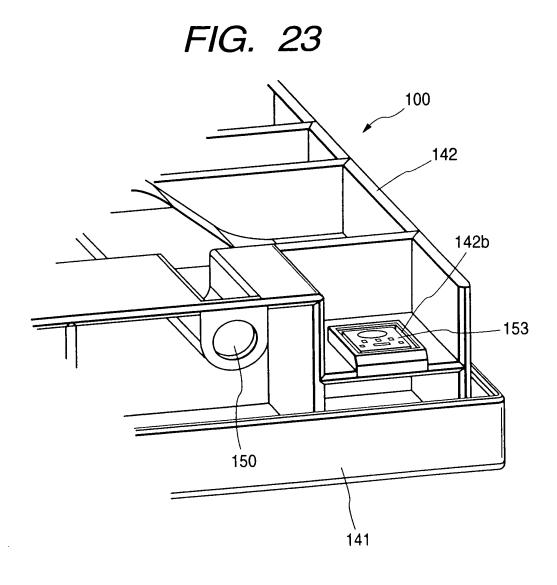


FIG. 24A

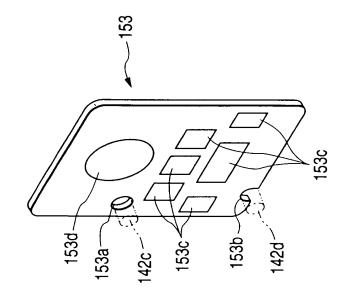
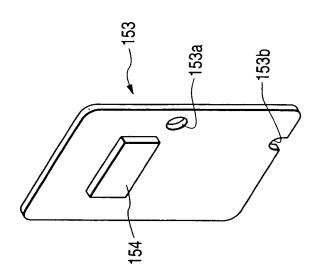


FIG. 24B



20 / 29

FIG. 25

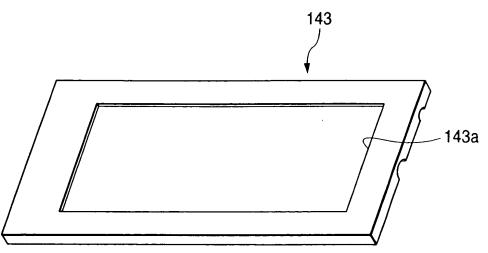


FIG. 26A

FIG. 26B

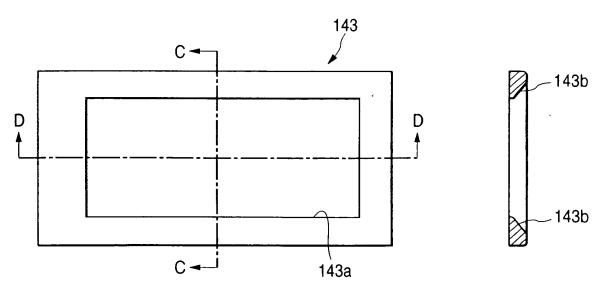
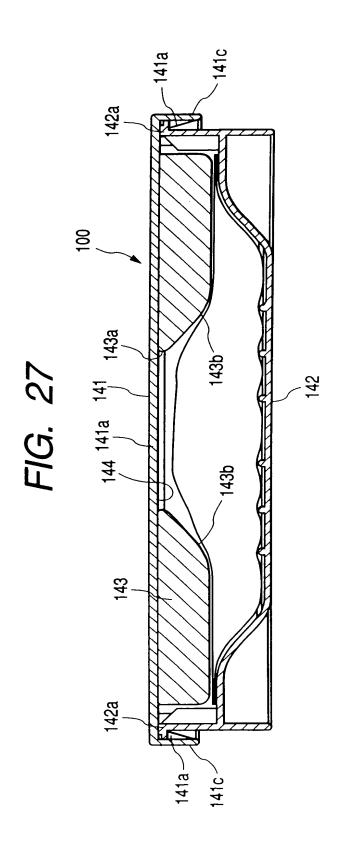


FIG. 26C







23 / 29

## FIG. 28A

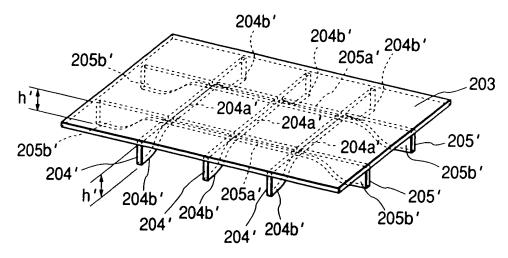


FIG. 28B

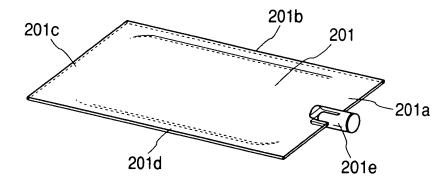


FIG. 28C

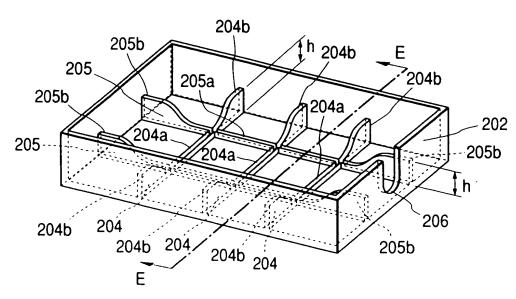


FIG. 29

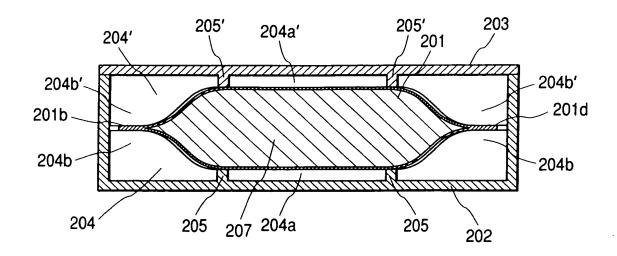


FIG. 30

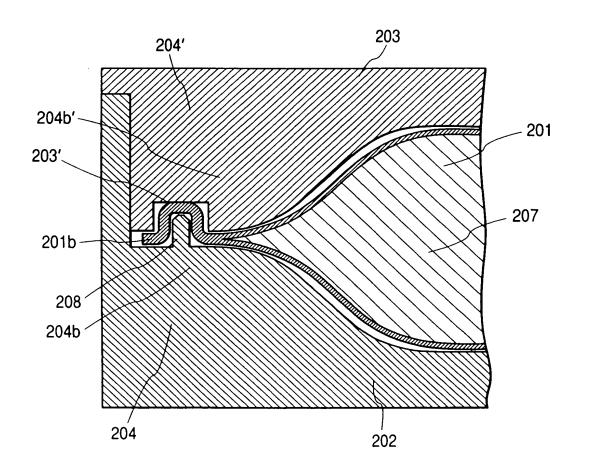
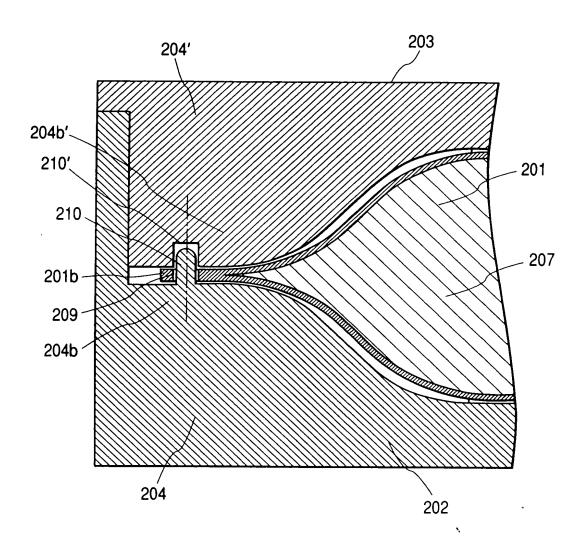


FIG. 31



26 / 29

## FIG. 32A

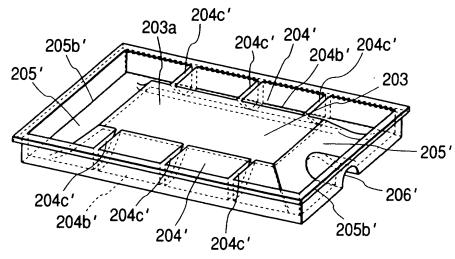


FIG. 32B

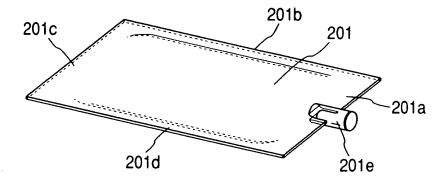


FIG. 32C

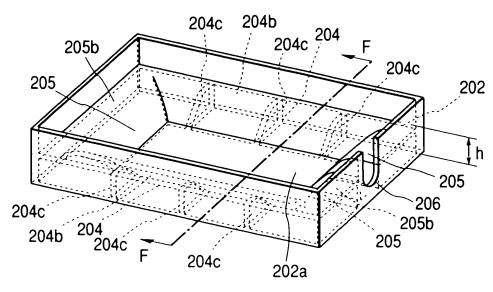


FIG. 33

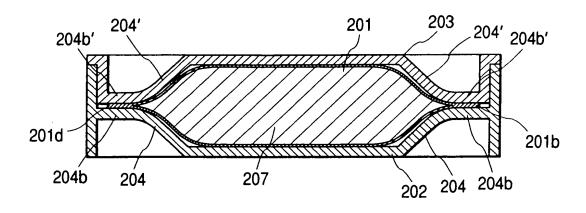


FIG. 34

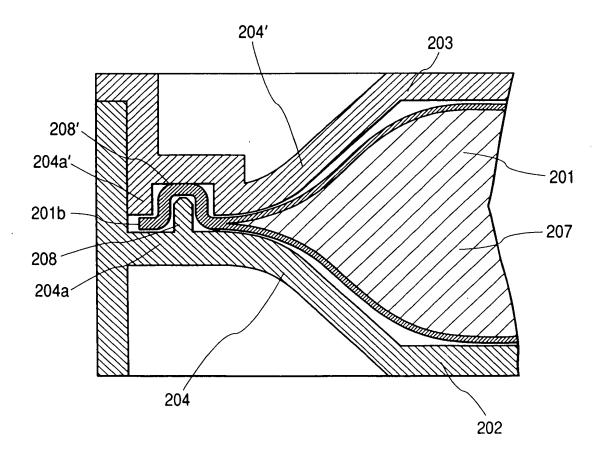




FIG. 35

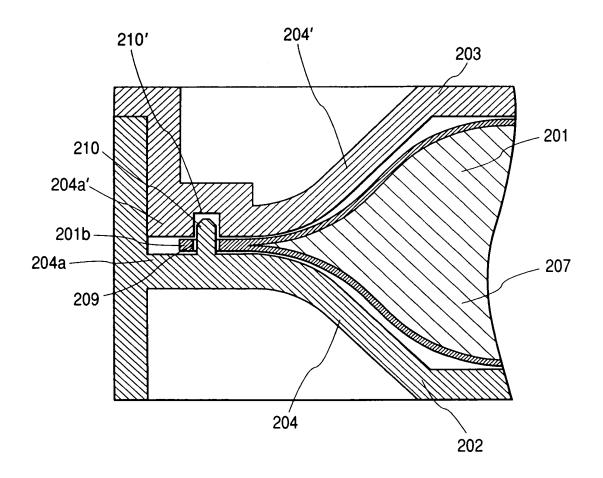




FIG. 36

